



A subsidiary of Pinnacle West Capital Corporation

ODCM 2.1

Palo Verde Nuclear
Generating Station

David M. Smith
Plant Manager
Nuclear Production

Tel. 623-393-6116
Fax. 623-393-6077
e-mail: DSMITH10@apsc.com

Mail Station 7602
P.O. Box 52034
Phoenix, AZ 85072-2034

192-01157-DMS/SAB/DGM/DLK

November 19, 2004

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Dear Sirs:

**Subject: Palo Verde Nuclear Generating Station (PVNGS)
Unit 3
Docket No. STN 50-530
License No. NPF 74
Special Report 3-SR-2004-003**

Attached please find Special Report 3-SR-2004-03 prepared and submitted pursuant to the PVNGS Offsite Dose Calculation Manual requirements. This report discusses the inoperability of the fuel building ventilation system high range radioactive gaseous effluent monitor for more than seventy-two (72) hours.

No commitments are being made to the NRC by this letter.

If you have questions regarding this submittal, please contact Daniel G. Marks, Section Leader, Regulatory Affairs, at (623) 393-6492.

Sincerely,

DMS/SAB/DGM/DLK/kg

Attachment

cc: B. S. Mallet, Region IV Administrator
N. L. Salgado, Sr. Resident Inspector
M. B. Fields, PVNGS Project Manager

(all w/attachment)

IE22
A609

Attachment

Special Report 3-SR-2004-003

Palo Verde Nuclear Generating Station

Special Report 3-SR-2004-003

**Fuel Building Ventilation System High Range
Radioactive Gaseous Effluent Monitor Inoperable**

Docket No. STN 50-530

Initial Conditions:

At approximately 0756 MST on October 24, 2004, Palo Verde Unit 3 was in a refueling outage, with the core off-loaded to the spent fuel pool when the fuel building ventilation system high range radioactive gaseous effluent monitor (RU-146) was declared inoperable due to its 120-vac power supply (PNB-D26) being removed from service for planned maintenance.

This Special Report is being submitted pursuant to the ODCM requirement 2.1, ACTION 42(b) to prepare and submit a Special Report to the Commission within 30 days if the monitor is not restored within 72 hours. The 72-hour period for returning the monitor to an OPERABLE status expired at 0756 MST on October 27, 2004 with the monitor not OPERABLE.

Actions Taken:

The Preplanned Alternate Sampling Program for RU-146 to monitor the fuel building ventilation system was initiated pursuant to the ODCM requirement 2.1, ACTION 42(a) on October 27, 2004 at approximately 0756 MST. On October 30, 2004 at approximately 1850 MST, RU-146 was declared OPERABLE following restoration of power and satisfactory performance of applicable channel checks.

Cause of the Inoperability:

There was no malfunction associated with the inoperability of RU-146. The cause for exceeding the 72 hours allowed by ODCM 2.1, Action 42(b) was equipment problems encountered during planned maintenance on an inverter (PNB-N12) that provides power to PNB-D26. Several circuit boards in the inverter needed to be replaced, calibrated, and load tested. The cumulative effect of the maintenance performed on the inverter resulted in RU-146 being out of service for approximately 154 hours and 54 minutes.

Plans and Schedule for Restoring the Channels to OPERABLE Status:

On October 30, 2004 at approximately 1850 MST, RU-146 was declared OPERABLE following restoration of power and satisfactory performance of applicable channel checks. The total elapsed time of the inoperability was 154 hours and 54 minutes.